

Penalty for presenting fraudulent claim is a fine of up to \$500,000 or imprisonment for up to 5 years, or both. 18 U.S.C. §§ 152 AND 3571

Member Interest - Torchlight Energy Resources, Inc., Metamaterial Inc. & Meta Materials Inc. - February 2021 thru October 2023**Shares of Torchlight Energy Resources, Inc. (Ticker Symbol: TRCH) - Pre-Merger**

Equity Ticker Symbol	Certificate Number	Bought or Sold	Trade Date	Number of Shares	Price Per Share (in USD)	Value (in USD)	Fidelity Account Number
TRCH	Not Applicable	Bought	02-12-21	2,000	\$2.7500	\$5,500.00	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	02-12-21	2,000	\$2.7500	\$5,500.00	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	02-18-21	3,000	\$3.8200	\$11,460.00	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	02-23-21	200	\$3.0690	\$613.80	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	02-23-21	1,526	\$3.0648	\$4,676.88	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	02-23-21	3,274	\$3.0700	\$10,051.18	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Sold	02-23-21	-7000	\$2.0752	-\$14,526.32	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	02-24-21	5,000	\$3.0300	\$15,150.00	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	02-26-21	8,400	\$2.3500	\$19,740.00	Rollover IRA - XXXXXXXXXXXXX3052
TRCH	Not Applicable	Bought	03-26-21	3,000	\$1.8000	\$5,400.00	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	03-30-21	55	\$1.7871	\$98.29	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	04-20-21	994	\$1.8100	\$1,800.94	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	04-23-21	4,498	\$1.8700	\$8,411.26	Rollover IRA - XXXXXXXXXXXXX3052
TRCH	Not Applicable	Bought	05-03-21	1,051	\$1.9000	\$1,998.90	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	05-03-21	2	\$1.8987	\$3.80	Rollover IRA - XXXXXXXXXXXXX3052
TRCH	Not Applicable	Bought	05-20-21	700	\$2.1189	\$1,483.23	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	06-10-21	100	\$2.9250	\$292.50	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	06-10-21	1,200	\$2.9257	\$3,510.84	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	06-17-21	2,000	\$4.9500	\$9,900.00	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	06-22-21	1,000	\$9.2950	\$9,295.00	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	06-22-21	100	\$8.0000	\$800.00	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	06-23-21	100	\$4.8350	\$483.50	Rollover IRA - XXXXXXXXXXXXX3052
TRCH	Not Applicable	Bought	06-23-21	100	\$4.8235	\$482.35	Rollover IRA - XXXXXXXXXXXXX3052
TRCH	Not Applicable	Bought	06-24-21	20	\$5.4500	\$109.00	Individual - XXXXXXXXXXXXX0787
TRCH	Not Applicable	Bought	06-24-21	1,000	\$5.1854	\$5,185.40	Rollover IRA - XXXXXXXXXXXXX3052
TRCH	Not Applicable	Bought	06-24-21	10	\$5.4050	\$54.05	Rollover IRA - XXXXXXXXXXXXX3052
Total TRCH Shares Acquired				34,330	Total Value of TRCH Interest	\$107,172.60	
Total Series A Preferred Shared Received from Merger				33,100			

Shares of Metamaterial Inc. (Ticker Symbol: MMATF) - Pre-Merger

Equity Ticker Symbol	Certificate Number	Bought or Sold	Trade Date	Number of Shares	Price Per Share (in USD)	Value (in USD)	Fidelity Account Number
MMATF	Not Applicable	Bought	03-17-21	1,400	\$2.90	\$4,110.00	Rollover IRA - XXXXXXXXXXXXX3052
MMATF	Not Applicable	Bought	03-17-21	2,000	\$2.90	\$5,800.00	Rollover IRA - XXXXXXXXXXXXX3052
MMATF	Not Applicable	Bought	03-26-21	1,219	\$2.69	\$3,229.11	Rollover IRA - XXXXXXXXXXXXX3052
MMATF	Not Applicable	Bought	03-30-21	291	\$2.63	\$736.23	Rollover IRA - XXXXXXXXXXXXX3052
MMATF	Not Applicable	Bought	03-30-21	400	\$2.63	\$1,062.00	Rollover IRA - XXXXXXXXXXXXX3052
MMATF	Not Applicable	Bought	04-23-21	995	\$2.45	\$2,487.75	Rollover IRA - XXXXXXXXXXXXX3052
MMATF	Not Applicable	Bought	04-23-21	3,695	\$2.45	\$9,052.75	Rollover IRA - XXXXXXXXXXXXX3052
MMATF	Not Applicable	Bought	06-23-21	200	\$8.33	\$1,666.00	Rollover IRA - XXXXXXXXXXXXX3052
MMATF	Not Applicable	Bought	06-23-21	300	\$7.80	\$2,380.00	Rollover IRA - XXXXXXXXXXXXX3052
MMATF	Not Applicable	Bought	06-23-21	1,000	\$8.20	\$8,250.00	Rollover IRA - XXXXXXXXXXXXX3052
MMATF	Not Applicable	Bought	06-23-21	1,700	\$7.80	\$13,260.00	Rollover IRA - XXXXXXXXXXXXX3052
MMATF	Not Applicable	Bought	06-23-21	1,800	\$8.33	\$15,043.82	Rollover IRA - XXXXXXXXXXXXX3052
Total MMATF Shares Acquired				15,000	Total Value of MMATF Interest	\$67,187.68	

Shares of Meta Materials Inc. (Ticker Symbol: MMAT) - Post-Merger

Equity Ticker Symbol	Certificate Number	Bought or Sold	Trade Date	Number of Shares	Price Per Share (in USD)	Value (in USD)	Fidelity Account Number
MMAT	Not Applicable	Bought	07-02-21	1,890	\$6.77	12,795.30	Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	07-02-21	2,410	\$6.75	16,262.92	Rollover IRA - XXXXXXXXXXXXX3052
MMAT	Not Applicable	Bought	07-07-21	37	\$5.90	218.30	Individual - XXXXXXXXXXXXX0787

MMAT	Not Applicable	Bought	07-07-21	2,892	\$5.86	16,947.12 Rollover IRA - XXXXXXXXXXXXX3052
MMAT	Not Applicable	Bought	07-08-21	2,000	\$5.78	\$11,560.00 Rollover IRA - XXXXXXXXXXXXX3052
MMAT	Not Applicable	Bought	07-09-21	1,000	\$5.25	\$5,250.00 Rollover IRA - XXXXXXXXXXXXX3052
MMAT	Not Applicable	Bought	07-09-21	1,000	\$5.02	\$5,020.00 Rollover IRA - XXXXXXXXXXXXX3052
MMAT	Not Applicable	Bought	07-09-21	1,000	\$4.80	\$4,800.00 Rollover IRA - XXXXXXXXXXXXX3052
MMAT	Not Applicable	Bought	07-12-21	1,000	\$4.01	\$4,010.00 Rollover IRA - XXXXXXXXXXXXX3052
MMAT	Not Applicable	Bought	07-12-21	2,000	\$4.01	\$8,020.00 Rollover IRA - XXXXXXXXXXXXX3052
MMAT	Not Applicable	Bought	07-13-21	1,433	\$4.00	\$5,732.00 Rollover IRA - XXXXXXXXXXXXX3052
MMAT	Not Applicable	Bought	07-14-21	1,963	\$3.65	\$7,164.95 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	07-15-21	2,000	\$3.78	\$7,520.00 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	07-16-21	87	\$3.63	\$315.81 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	07-16-21	213	\$3.63	\$773.19 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	07-20-21	2,000	\$3.32	\$6,640.00 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	07-22-21	2,000	\$3.50	\$7,000.00 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	07-22-21	2,000	\$3.45	\$6,900.00 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	10-04-21	700	\$5.14	\$3,598.00 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	11-05-2021	1,000	\$4.91	\$4,909.90 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	11-10-2021	1,000	\$4.70	\$4,700.00 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	11-11-2021	-1,000	\$4.74	-\$4,739.97 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	11-17-2021	300	\$4.49	\$1,345.89 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	12-16-2021	348	\$2.88	\$1,000.71 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	12-16-2021	215	\$2.90	\$623.50 Rollover IRA - XXXXXXXXXXXXX3052
MMAT	Not Applicable	Bought	12-31-2021	286	\$2.63	\$723.58 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	12-31-2021	300	\$2.58	\$772.50 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	12-31-2021	2,137	\$2.58	\$5,502.78 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	01-11-2022	14	\$2.35	\$32.87 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	01-11-2022	200	\$2.35	\$469.00 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	01-13-2022	250	\$2.14	\$535.00 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	01-19-2022	500	\$2.04	\$1,020.00 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	01-20-2022	250	\$2.01	\$502.50 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	01-26-2022	20	\$1.62	\$32.40 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	01-26-2022	1	\$1.72	\$1.72 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	01-26-2022	100	\$1.68	\$168.00 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	02-18-2022	1	\$1.73	\$1.73 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	02-18-2022	5	\$1.73	\$8.63 Rollover IRA - XXXXXXXXXXXXX3052
MMAT	Not Applicable	Bought	02-18-2022	180	\$1.73	\$310.50 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	02-18-2022	1,684	\$1.73	\$2,904.90 Rollover IRA - XXXXXXXXXXXXX3052
MMAT	Not Applicable	Bought	03-01-2022	509	\$2.04	\$1,038.36 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	03-08-2022	13	\$1.62	\$21.06 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	03-14-2022	200	\$1.43	\$285.96 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	03-14-2022	1,800	\$1.43	\$2,565.00 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	03-14-2022	1,987	\$1.43	\$2,850.95 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	03-15-2022	5	\$1.55	\$7.75 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	03-15-2022	680	\$1.54	\$1,018.84 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	03-15-2022	1,200	\$1.43	\$1,710.00 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	03-15-2022	5,300	\$1.43	\$7,563.10 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	03-18-2022	45	\$1.93	\$86.79 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	04-14-2022	1,782	\$1.50	\$2,673.00 Rollover IRA - XXXXXXXXXXXXX3052
MMAT	Not Applicable	Bought	04-14-2022	3,008	\$1.51	\$4,538.17 Rollover IRA - XXXXXXXXXXXXX3052
MMAT	Not Applicable	Bought	04-05-2023	499	\$0.41	\$204.64 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	04-05-2023	1,501	\$0.41	\$615.71 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	04-05-2023	3,333	\$0.41	\$1,381.20 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	04-05-2023	3,333	\$0.41	\$1,381.20 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	04-05-2023	3,334	\$0.41	\$1,380.27 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	04-14-2023	2,000	\$0.22	\$438.80 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	04-14-2023	2,000	\$0.22	\$438.00 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	04-14-2023	2,000	\$0.22	\$438.00 Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	04-14-2023	2,000	\$0.22	\$437.60 Individual - XXXXXXXXXXXXX0787

MMAT	Not Applicable	Bought	04-14-2023	2,000	\$0.22	\$437.60	Individual - XXXXXXXXXXXXX0787
MMAT	Not Applicable	Bought	10-23-2023	30,000	\$0.13	\$4,002.00	Individual - XXXXXXXXXXXXX0787

Total MMAT Share Interest Acquired -
Post-Merger

Total Value of MMAT Interest
Acquired - Post Merger

\$185,522.84

Call Options for Meta Materials Inc. (Ticker Symbol: MMAT) - Post-Merger

Call Option	Symbol	Bought or Sold	Trade Date	Number of Contracts	Price Per Contract (in USD)	Value (in USD)	Fidelity Account Number
CALL (MMAT) META MATERIALS INC APR 14 22 \$4 (100 SHS)	-MMAT220414C4	Bought	03-18-2022	13	\$0.04	\$54.98	Individual - XXXXXXXXXXXXX0787
CALL (MMAT) META MATERIALS INC APR 14 22 \$4 (100 SHS)	-MMAT220414C4	Bought	03-18-2022	87	\$0.04	\$367.94	Individual - XXXXXXXXXXXXX0787
CALL (MMAT) META MATERIALS INC APR 14 22 \$3 (100 SHS)	-MMAT220414C3	Bought	03-18-2022	6	\$0.03	\$50.57	Individual - XXXXXXXXXXXXX0787
CALL (MMAT) META MATERIALS INC APR 14 22 \$3 (100 SHS)	-MMAT220414C3	Bought	03-18-2022	29	\$0.08	\$244.45	Individual - XXXXXXXXXXXXX0787
CALL (MMAT) META MATERIALS INC APR 14 22 \$3 (100 SHS)	-MMAT220414C3	Bought	03-18-2022	65	\$0.08	\$547.89	Individual - XXXXXXXXXXXXX0787
CALL (MMAT) META MATERIALS INC OCT 21 22 \$5 (100 SHS)	-MMAT221021C5	Bought	03-18-2022	20	0.37	\$753.58	Individual - XXXXXXXXXXXXX0787
CALL (MMAT) META MATERIALS INC OCT 21 22 \$4 (100 SHS)	-MMAT221021C4	Bought	03-18-2022	20	\$0.44	\$893.58	Individual - XXXXXXXXXXXXX0787
CALL (MMAT) META MATERIALS INC JAN 20 23 \$7 (100 SHS)	-MMAT230120C7	Bought	04-18-2022	200	\$0.18	\$3,735.83	Rollover IRA - XXXXXXXXXXXXX3052
CALL (MMAT) META MATERIALS INC JAN 20 23 \$10 (100 SHS)	-MMAT230120C10	Bought	04-18-2022	200	\$0.13	\$2,735.83	Rollover IRA - XXXXXXXXXXXXX3052
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	04-18-2022	30	\$0.25	\$770.37	Rollover IRA - XXXXXXXXXXXXX3052
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	1	\$0.12	\$12.63	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	2	\$0.12	\$25.26	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	2	\$0.12	\$25.26	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	3	\$0.12	\$37.89	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	3	\$0.12	\$37.89	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	3	\$0.12	\$37.89	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	3	\$0.12	\$37.89	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	4	\$0.12	\$54.72	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	5	\$0.12	\$63.15	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	6	\$0.13	\$82.07	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	6	\$0.12	\$75.77	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	8	\$0.12	\$101.03	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	10	\$0.13	\$136.79	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	10	\$0.12	\$126.29	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	14	\$0.13	\$191.51	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	15	\$0.12	\$189.44	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	108	\$0.12	\$1,363.95	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-08-2022	200	\$0.12	\$2,525.83	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS)	-MMAT240119C5	Bought	09-08-2022	4	\$0.18	\$74.72	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS)	-MMAT240119C5	Bought	09-08-2022	6	\$0.18	\$112.07	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS)	-MMAT240119C5	Bought	09-08-2022	7	\$0.18	\$130.75	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS)	-MMAT240119C5	Bought	09-08-2022	20	\$0.18	\$373.58	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS)	-MMAT240119C5	Bought	09-08-2022	57	\$0.18	\$1,064.71	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS)	-MMAT240119C5	Bought	09-08-2022	69	\$0.18	\$1,288.88	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS)	-MMAT240119C5	Bought	09-08-2022	110	\$0.18	\$2,054.71	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS)	-MMAT240119C5	Bought	09-08-2022	127	\$0.18	\$2,372.25	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS)	-MMAT240119C5	Bought	09-08-2022	200	\$0.18	\$3,735.83	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$7 (100 SHS)	-MMAT240119C7	Bought	09-08-2022	200	\$0.15	\$3,135.83	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$7 (100 SHS)	-MMAT240119C7	Bought	09-08-2022	200	\$0.14	\$2,935.83	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-12-2022	2	\$0.10	\$21.06	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-13-2022	13	\$0.10	\$136.88	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-14-2022	30	\$0.10	\$315.87	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$7 (100 SHS)	-MMAT240119C7	Bought	09-14-2022	200	\$0.13	\$2,735.83	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-16-2022	1	\$0.12	\$12.63	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-16-2022	37	\$0.13	\$506.13	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-16-2022	117	\$0.13	\$1,600.46	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS)	-MMAT240119C5	Bought	09-16-2022	1	\$0.16	\$16.68	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS)	-MMAT240119C5	Bought	09-16-2022	199	\$0.16	\$3,319.15	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS)	-MMAT240119C10	Bought	09-21-2022	200	\$0.12	\$2,525.83	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS)	-MMAT240119C5	Bought	09-21-2022	10	\$0.15	\$156.79	ROTH IRA - BDA - XXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS)	-MMAT240119C5	Bought	09-21-2022	20	\$0.15	\$313.58	ROTH IRA - BDA - XXXXXXXXXXXXX8738

CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-21-2022	20	\$0.15	\$313.68 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-21-2022	20	\$0.15	\$313.68 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-21-2022	56	\$0.15	\$878.03 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-21-2022	74	\$0.15	\$1,160.26 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$7 (100 SHS) -MMAT240119C7	Bought	09-21-2022	200	\$0.15	\$3,135.83 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	1	\$0.14	\$14.68 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	1	\$0.14	\$14.68 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	1	\$0.14	\$14.68 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	1	\$0.14	\$14.68 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	1	\$0.14	\$14.68 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	1	\$0.14	\$14.68 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	2	\$0.14	\$29.36 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	3	\$0.14	\$44.04 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	5	\$0.14	\$73.40 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	5	\$0.14	\$73.40 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	5	\$0.14	\$73.40 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	5	\$0.14	\$88.07 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	7	\$0.14	\$102.75 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	9	\$0.14	\$132.11 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	10	\$0.14	\$146.79 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	28	\$0.14	\$411.02 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	116	\$0.14	\$1,688.10 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-22-2022	200	\$0.14	\$2,935.83 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$7 (100 SHS) -MMAT240119C7	Bought	09-22-2022	200	\$0.15	\$3,135.83 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$5 (100 SHS) -MMAT240119C5	Bought	09-23-2022	100	\$0.14	\$1,467.92 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$7 (100 SHS) -MMAT240119C7	Bought	09-23-2022	200	\$0.14	\$2,935.83 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 20 23 \$7 (100 SHS) -MMAT230120C7	Sold	12-01-2022	-120	\$0.07	-\$795.80 Rollover IRA - XXXXXXXXXXXXXXX3052
CALL (MMAT) META MATERIALS INC JAN 20 23 \$7 (100 SHS) -MMAT230120C7	Sold	12-01-2022	-80	\$0.07	-\$530.53 Rollover IRA - XXXXXXXXXXXXXXX3052
CALL (MMAT) META MATERIALS INC JAN 20 23 \$10 (100 SHS) -MMAT230120C10	Sold	12-01-2022	-200	\$0.07	-\$1,328.33 Rollover IRA - XXXXXXXXXXXXXXX3052
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS) -MMAT240119C10	Bought	12-05-2022	90	\$0.28	\$2,580.13 Rollover IRA - XXXXXXXXXXXXXXX3052
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS) -MMAT240119C10	Bought	12-06-2022	74	\$0.28	\$2,121.44 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738
CALL (MMAT) META MATERIALS INC JAN 19 24 \$10 (100 SHS) -MMAT240119C10	Bought	12-06-2022	96	\$0.28	\$2,752.14 ROTH IRA - BDA - XXXXXXXXXXXXXXX8738

Total MMAT Calls Options Acquired
and Not Sold

Total Value of MMAT Call
Options Acquired and Not
Sold

\$68,198.00

Total MMAT Shares Interest Received
Post-Merger from Pre-Merger TRCH &
MMATF Shares Acquired (Converted to
MMAT) and Not Sold

48,075

Total MMAT Share Interest from Pro &
Post Merger and Not Sold

Total Value of TRCH, MMATF
& MMAT Acquired and Not
Sold

\$359,883.10

Total Value of MMAT Shares
& Call Options Acquired and
Not Sold

\$428,078.10